

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0070 Meridian

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass	Right	7.92	10/18/2016 10/18/2016	Tariq Chechi

LM Start		Rating **	A	Issue No.	12
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD0070_01_f_2015_12				
Comment Code					
Inspector Comment					
The LMA has the O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	13
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD0070_01_s_2013_13				
Comment Code					
Inspector Comment					
The LMA has adequate flood fight supplies and equipment.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	15.50	10/18/2016 10/18/2016	Tariq Chechi

LM Start	1.40	Rating **	M	Issue No.	48							
LM End	1.40	Issue Type +	Ma	Location *	WS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Slope Stability		39.178369 °	39.178369 °								
			-121.942657 °	-121.942657 °								
DWR ID	DWR_RD0070_02_f_2016_48											
Comment Code												
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.												
Inspector Comment												

Photo 1 of 1 : FA_2016_RD0070_30_48_20161028_00107.jpg



View of the ruts along the waterside slope.

LM Start	2.40	Rating **	M	Issue No.	49							
LM End	2.40	Issue Type +	Ma	Location *	LS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Trim / Thin Trees		39.165462 °	39.165462 °								
			-121.935244 °	-121.935244 °								
DWR ID	DWR_RD0070_02_f_2016_49											
Comment Code												
T1 : Trim trees to at least five feet above ground level.												
Inspector Comment												

No Photos

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	15.50	10/18/2016 10/18/2016	Tariq Chechi

LM Start	4.31	Rating **	M	Issue No.	51
LM End	4.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.144305°	39.144305°
				-121.917400°	-121.917400°
DWR ID	DWR_RD0070_02_f_2016_51				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	4.95	Rating **	M	Issue No.	54
LM End	4.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.142016 °	39.142016 °
				-121.926214 °	-121.926214 °
DWR ID	DWR_RD0070_02_f_2016_54				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : FA_2016_RD0070_30_54_20161028_00110.jpg



View of the trees blocking visibility.

LM Start	7.74	Rating **	N	Issue No.	59
LM End	7.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.124503 °	39.124503 °
				-121.915252 °	-121.915252 °
DWR ID	DWR_RD0070_02_f_2016_59				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	15.50	10/18/2016 10/18/2016	Tariq Chechi

LM Start	8.10	Rating **	M	Issue No.	2
LM End	8.23	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			39.122459 °	39.120684 °
				-121.910121 °	-121.909152 °
DWR ID	DWR_RD0070_02_s_2016_2				
Comment Code					
Inspector Comment					
1997 - Critical Site - Erosion of cobble site on outside of a bend. Failure caused by erosion of a material from behind the cobbles and cobbles rolling down the slope. Failure is just above the toe levee. Some repairs had been done at the upstream end. 2004 - Some minor new erosion at the top of the berm. 2005 - Trees look okay and the downstream end has some new rock repair. Site is no longer critical. 2006 - No longer critical, some repairs. 2015: No observed changes. [2015 Site ID: SAC_130-0_L]					

Photo 1 of 1 : FA_2016_RD0070_30_2_20160823_00002.jpg



USACE 2013 Photo #1

LM Start	8.10	Rating **	M	Issue No.	60
LM End	8.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.122568 °	39.122568 °
				-121.909723 °	-121.909723 °
DWR ID	DWR_RD0070_02_f_2016_60				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location
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CR : Crown

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+ Issue Type
Ma : Maintenance Deficiency
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LM Start	14.14	Rating **	M	Issue No.	66
LM End	14.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.069849 °	39.069849 °
				-121.857267 °	-121.857267 °
DWR ID	DWR_RD0070_02_f _ 2016_66				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

Photo 1 of 1 : FA_2016_RD0070_30_66_20161028_00118.jpg



View of slope instability along the landside slope.

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